

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\  
 Data File : VW016617.D  
 Acq On : 22 Sep 2020 17:52  
 Operator : SY/VA  
 Sample : VIBLK03  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK03

Quant Time: Sep 23 08:58:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 23 07:21:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 572206   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 508428   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 247664   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 95655    | 17.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 69.08% |
| 7) Chloroethane-d5             | 2.90   | 69    | 84132    | 18.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.40% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 151900   | 12.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 49.08% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 55372    | 36.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 73.34% |
| 24) Chloroform-d               | 7.65   | 84    | 257743   | 21.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.12% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 130570   | 21.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.00% |
| 29) Benzene-d6                 | 8.28   | 84    | 463182   | 20.31    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 81.24% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 134566   | 21.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 87.12% |
| 37) Toluene-d8                 | 10.33  | 98    | 421952   | 18.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 75.24% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 58644    | 18.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.32% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 44351    | 39.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.92% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 107509   | 20.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 81.80% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 175098   | 22.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 88.52% |

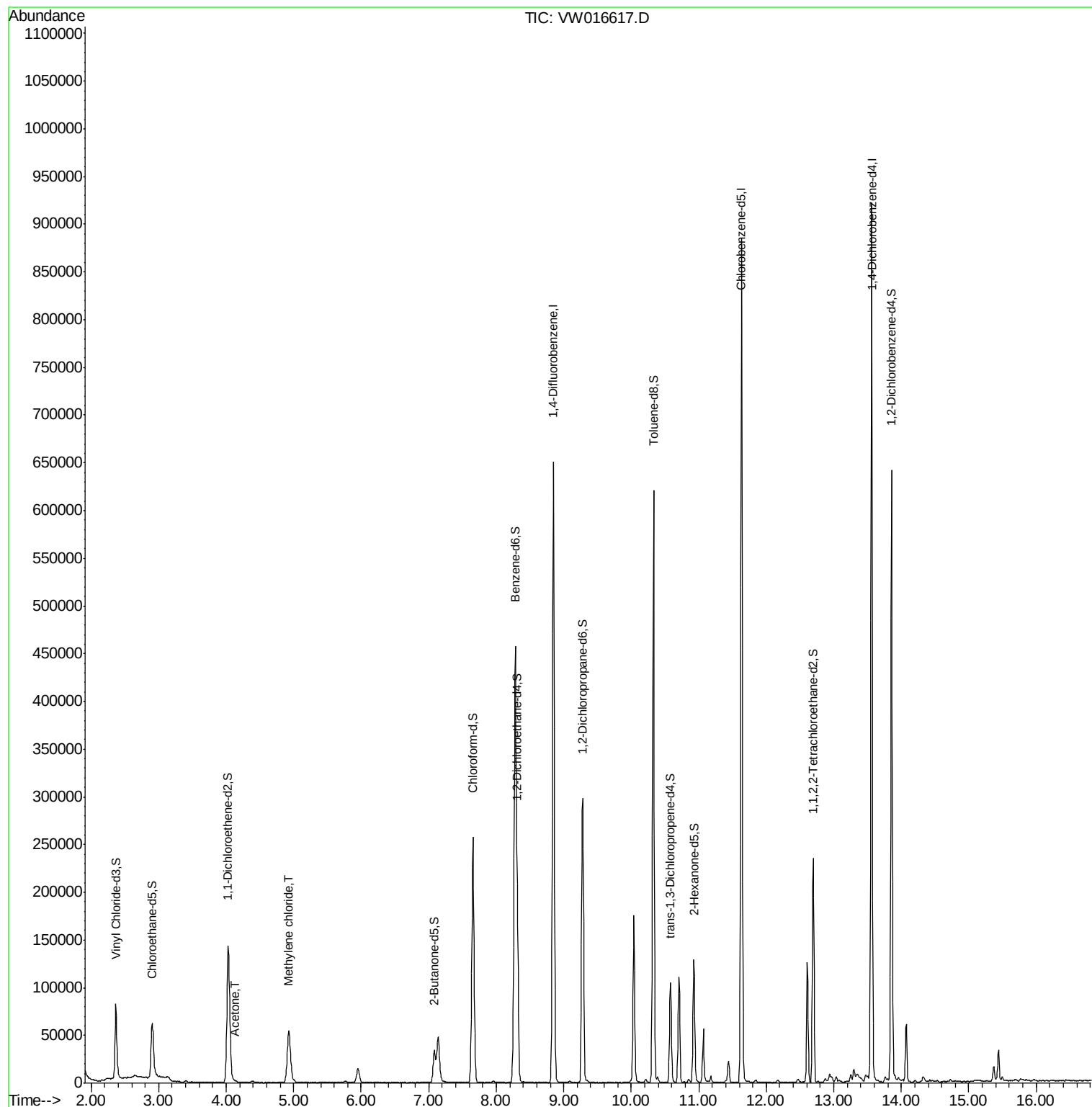
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 1748  | 1.478 ug/L | 91     |
| 16) Methylene chloride | 4.93 | 84 | 48453 | 5.490 ug/L | 96     |

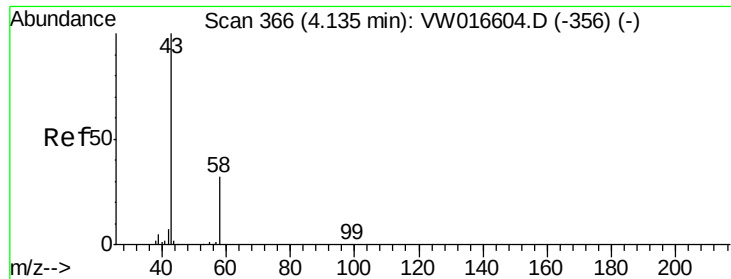
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : VOC Analysis  
QLast Update : Wed Sep 23 07:21:48 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 1.478 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016617.D

Acq: 22 Sep 2020 17:52

Instrument :

MSVOA\_W

ClientSampleId :

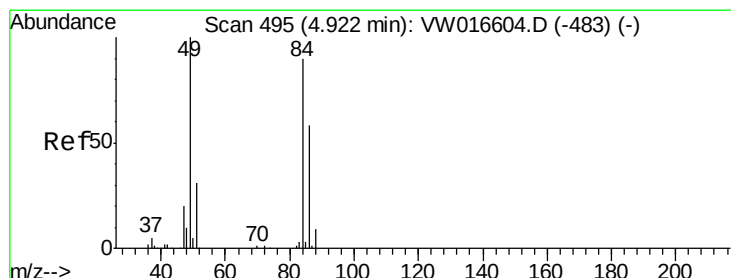
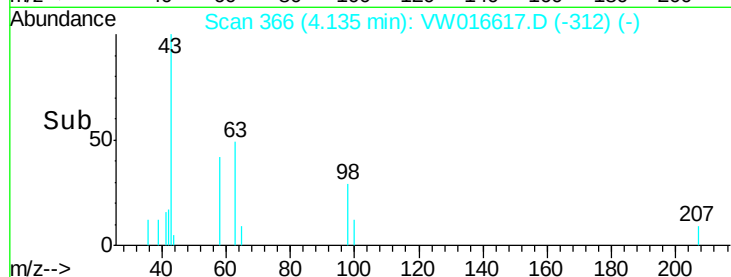
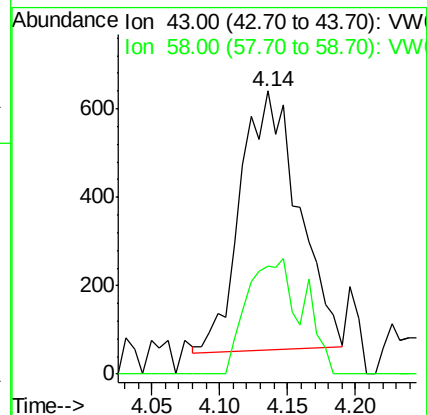
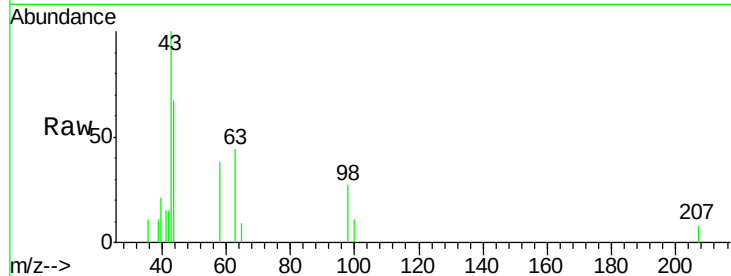
VIBLK03

Tot Ion: 43 Resp: 1748

Ion Ratio Lower Upper

43 100

58 34.8 0.0 60.2



#16

Methylene chloride

Concen: 5.490 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016617.D

Acq: 22 Sep 2020 17:52

Tgt Ion: 84 Resp: 48453

Ion Ratio Lower Upper

84 100

49 101.7 76.0 141.2

86 65.0 45.6 84.6

